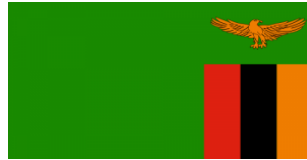


Development and Implementation of OSS-FSM Bylaws - a case of Lusaka, Zambia

Edgar C. Mulwanda

Nachombe Nang'amba, Grace Mwanza



Lusaka City Council

Outline

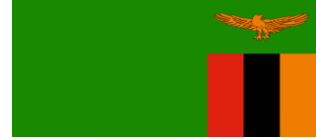
- Introduction – Lusaka
- Sanitation situation
- Why Regulate Sanitation? And related laws.
- What is the process for By-Law formulation?
- Enforcement mechanisms
- Challenges and Way-forward.



Location



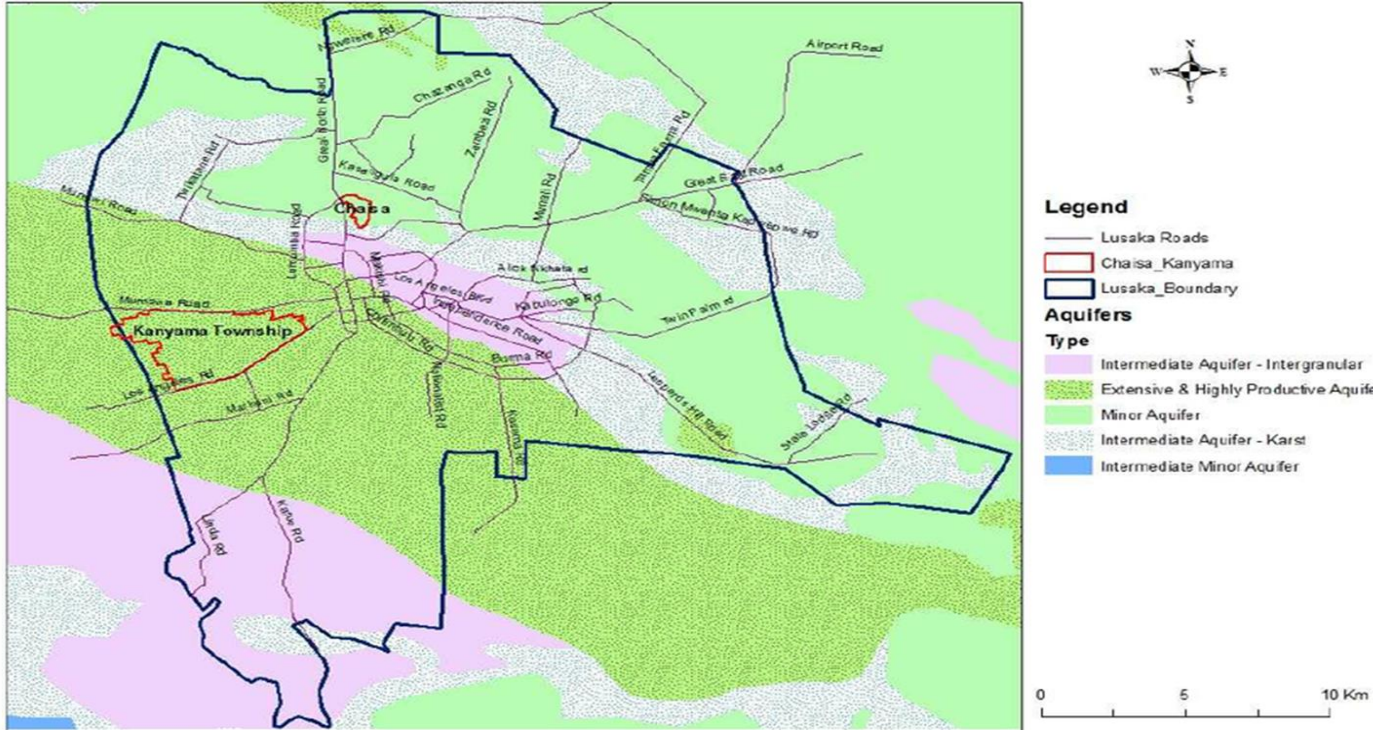
Introduction



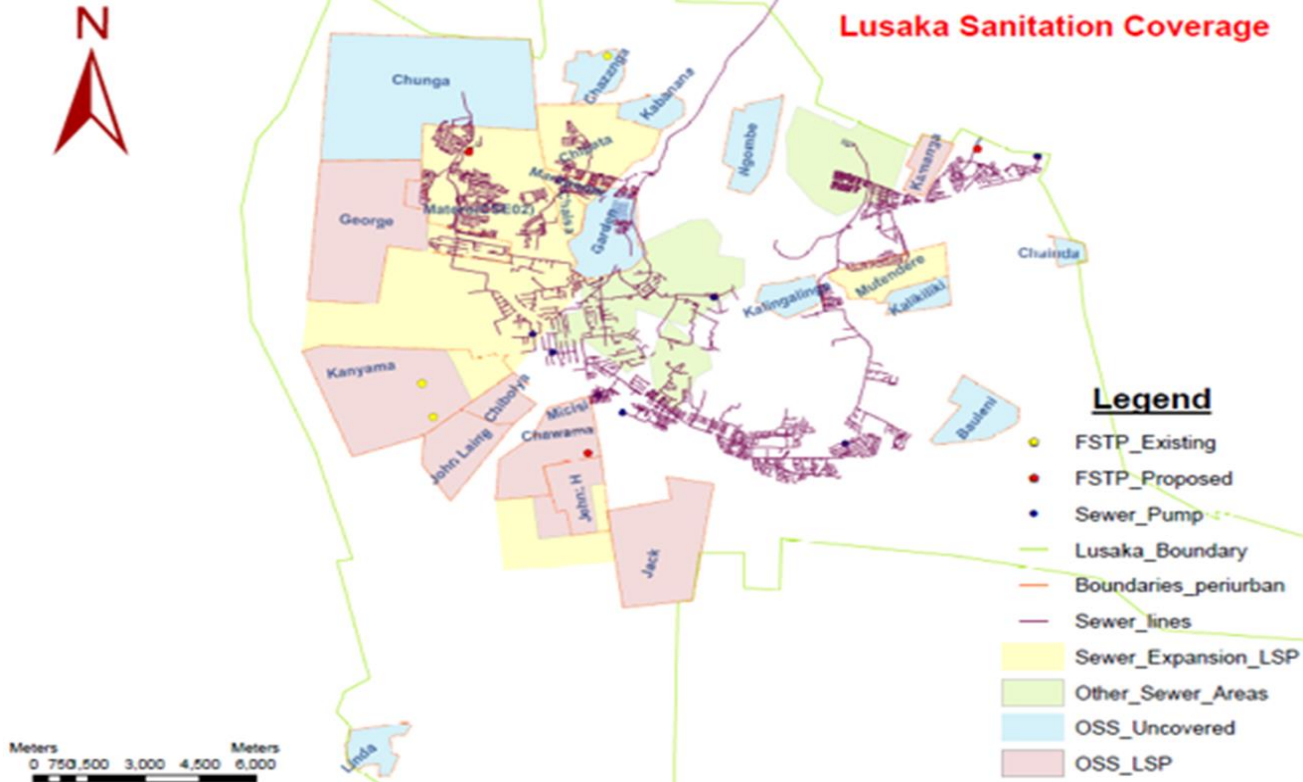
- **Lusaka population** 1.8 million people (CSO 2014)
- **Growth rate** 4.9% (CSO, 2014)
- **People living in Peri-urban Areas** 70%
- **Water service coverage** 80%

- **Estimated Sanitation coverage**
 - Offsite sanitation**
 - Sewer 10%
 - Onsite sanitation**
 - Septic tank 16%
 - Pit latrines 70%
 - Open Defecation** 4%

Ground water vulnerability map



Sanitation coverage map





Sanitation situation in PUA



Lusaka City Council – PHD



Lusaka City Council – PHD



Lusaka City Council – PHD



Lusaka City Council – PHD



Lusaka City Council – PHD

Purpose of Regulation in Sanitation



**Protection of
Public Health**



bbc.org

**Protection of
Natural Resources**



africacheck.org

**Restore dignity
in Society**



gfauu.org



Sanitation Laws in Zambia



1. The Public Health Act CAP 295
2. The Local Government Act CAP 281
3. The Water Supply and Sanitation Act No. 12 of 1997
4. The Urban Regional and Planning Act No. 3 of 2015
5. The Environmental Management Act No. 12 of 2011
6. The Water Resources Management Act No. 21 of 2011

OSS By-Law: Bridging The Gap



- Mainstreaming new technology(s) in Onsite Sanitation facilities (OSS).



Americanstandard-us.com



Lusaka City Council – PHD



Lusaka City Council – PHD

OSS By-Law: Bridging The Gap



- Regulate the Faecal Sludge Management service chain.



forum.susana.org

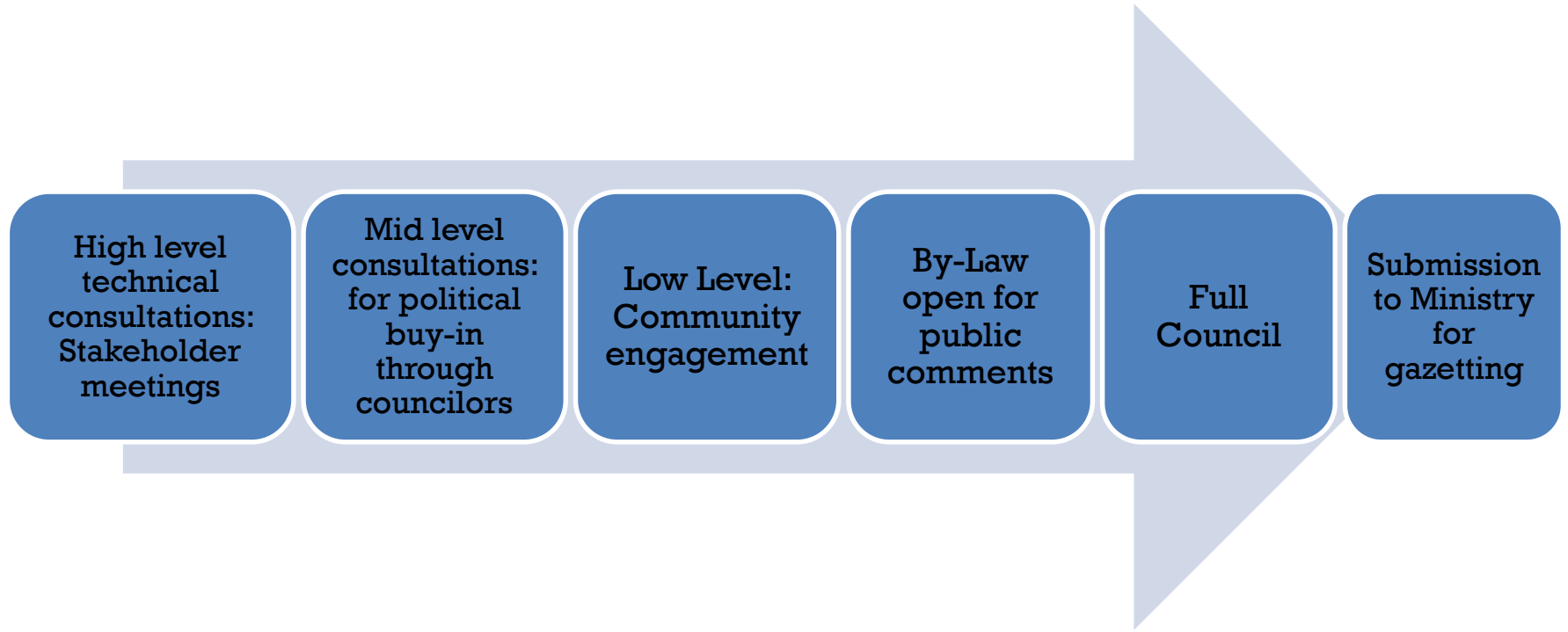


GIZ-CFS Project Zambia



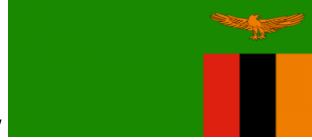
GIZ-CFS Project Zambia

Process of By-Law Formulation



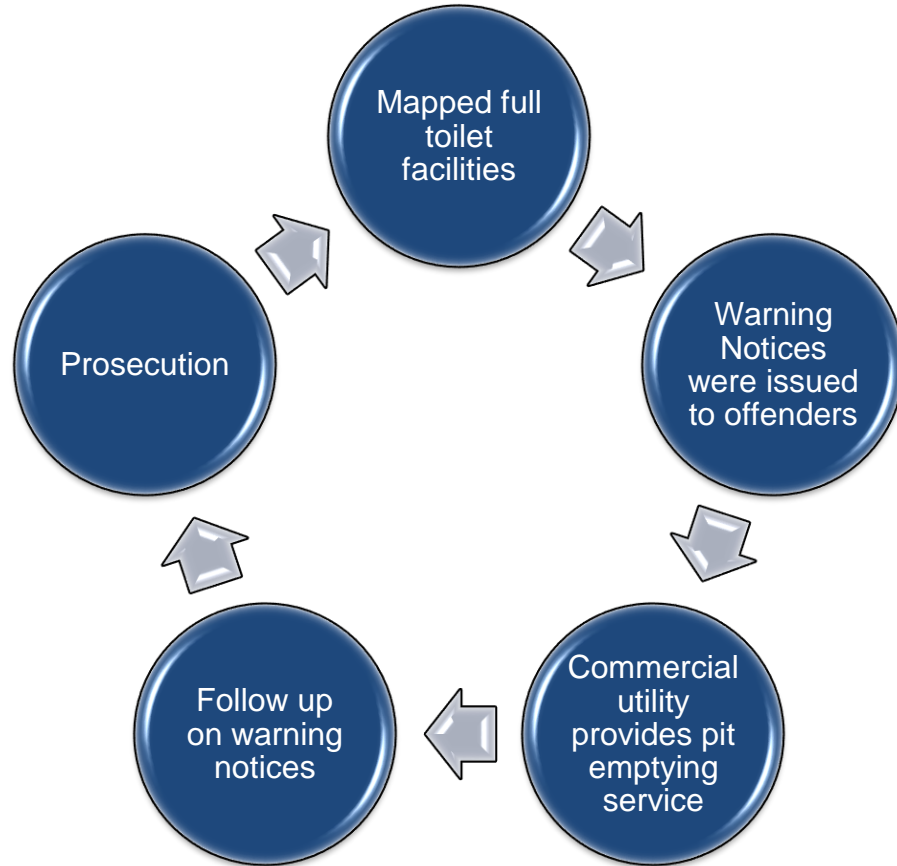


Enforcement in OSS-FSM Bylaw



- **Lusaka City Council:** Monitoring selection and construction of approved OSS facilities, enforcement of safe emptying
- **ZEMA:** Transport and treatment
- **NWASCO:** Protection of consumer rights, ensuring economics of activities
- **WARMA:** Protection of (ground) water resources
- **ZABS:** Enforcement on standards of products and procedures prior to construction

Digitalization of Sanitation Service





Challenges



- Lack of coordination between enforcement agencies
- Inadequate information flow
- Human resource and logistical challenges



Way forward



- Creation of a robust and integrated MIS system
- Vigorous health education and sanitation marketing campaigns
- Community engagement for acceptability

Ubusaka – Chimbusu

**Dignity of a home is based on the clean state
of your toilet.**

Thank you